

Title (en)

POLYETHYLENE COMPOSITIONS AND ARTICLES MADE THEREFROM

Title (de)

POLYETHYLENZUSAMMENSETZUNGEN UND DARAUS HERGESTELLTE ARTIKEL

Title (fr)

COMPOSITIONS DE POLYÉTHYLÈNE ET ARTICLES FABRIQUÉS À PARTIR DE CES DERNIÈRES

Publication

EP 3877430 A4 20220126 (EN)

Application

EP 19882225 A 20190513

Priority

- US 201816182856 A 20181107
- US 2019032004 W 20190513
- US 201762585629 P 20171114

Abstract (en)

[origin: US2019144571A1] This invention relates to catalyst systems comprising a catalyst compound having a bridged group 4 metal metallocene (where the bridge preferably contains an (Me₂Si)₂ group, an activator, and a support material. In some embodiments, the present disclosure provides for polyolefins and a process for producing a polyolefin composition comprising contacting at least one olefin with a catalyst system.

IPC 8 full level

C08F 4/6592 (2006.01); **C08F 210/16** (2006.01); **C08J 5/18** (2006.01); **C08F 210/14** (2006.01)

CPC (source: EP US)

C07F 17/00 (2013.01 - EP US); **C08F 4/65927** (2013.01 - US); **C08F 10/02** (2013.01 - US); **C08F 210/16** (2013.01 - EP); **C08J 5/18** (2013.01 - EP); **C08F 2/34** (2013.01 - US); **C08F 4/65912** (2013.01 - EP); **C08F 4/65916** (2013.01 - EP); **C08F 2420/01** (2013.01 - US); **C08F 2420/12** (2021.01 - EP); **C08J 2323/08** (2013.01 - EP)

Citation (search report)

- [X] US 2012232229 A1 20120913 - BUCK RICHARD M [US], et al
- [XP] WO 2019027587 A1 20190207 - EXXONMOBIL CHEMICAL PATENTS INC [US]
- [XP] WO 2019089153 A1 20190509 - EXXONMOBIL CHEMICAL PATENTS INC [US]
- See references of WO 2020096645A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

US 11214631 B2 20220104; **US 2019144571 A1 20190516**; CN 111448223 A 20200724; CN 111448223 B 20230321; EP 3877430 A1 20210915; EP 3877430 A4 20220126; WO 2020096645 A1 20200514

DOCDB simple family (application)

US 201816182856 A 20181107; CN 201880073345 A 20190513; EP 19882225 A 20190513; US 2019032004 W 20190513